

Title (en)
Grinder / polishing head

Title (de)
Schleif-/Polierkopf

Title (fr)
Ponceuse / tête de polissage

Publication
EP 2025464 A1 20090218 (EN)

Application
EP 07425525 A 20070810

Priority
EP 07425525 A 20070810

Abstract (en)
The present invention concerns a machining head (1) for sanding and/or polishing flat and/or curved surfaces (S) with constant or variable curvature. The machining head comprises a main body (2) which can be connected to a machine tool, preferably a numerical control machine with six axes, and a plurality of abrasive elements (3) designed to interact with the surfaces (S) to be machined, supported at the lower portion of the main body (2) and which can move along a first vertical direction (Y). Advantageously, the abrasive elements (3) are aligned along a second horizontal direction (Z) and are translated along the second direction (Z) by actuation means. The invention furthermore concerns a process for operation of the machining head (1).

IPC 8 full level
B24B 13/01 (2006.01); **B23C 3/16** (2006.01)

CPC (source: EP)
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Citation (search report)
• [DY] JP H10151557 A 19980609 - NIPPON ELECTRIC GLASS CO
• [Y] DE 10110526 A1 20010913 - FRANKA DORIS [DE]
• [A] US 4461127 A 19840724 - HANGER RANDOLPH T [US]
• [DA] JP H0966469 A 19970311 - NISSHIN STEEL CO LTD

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WO2023133196A3

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AL BA HR MK RS

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